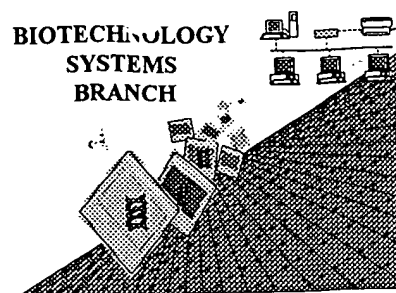


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/866,283
Source: OIPE
Date Processed by STIC: 6/15/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/866,283

DATE: 06/15/2001

TIME: 17:08:24

Input Set : A:\053560-5001.ST25.txt

Output Set: N:\CRF3\06152001\I866283.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: RUNDELL, Clark
 4 GORDON, Joan
 6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO NUCLEIC ACID REFERENCE
 STANDARDS

8 <130> FILE REFERENCE: 053650-5001
 OK> 10 <140> CURRENT APPLICATION NUMBER: US/09/866,283

11 <141> CURRENT FILING DATE: 2001-05-25

13 <160> NUMBER OF SEQ ID NOS: 7

15 <170> SOFTWARE: PatentIn version 3.0

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 21

19 <212> TYPE: DNA

20 <213> ORGANISM: Artificial Sequence: *delete* (Primer MMQCIFVFI)

W--> 22 <220> FEATURE:

W--> 22 <223> OTHER INFORMATION: ←

22 <400> SEQUENCE: 1

23 cttcggcagt gatgtactg a

26 <210> SEQ ID NO: 2

27 <211> LENGTH: 22

28 <212> TYPE: DNA

29 <213> ORGANISM: Artificial Sequence: (Primer MMQCIFVRI)

W--> 31 <220> FEATURE:

W--> 31 <223> OTHER INFORMATION: ←

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32 tgcaatatta attggttcca gc

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36 <211> LENGTH: 22

37 <212> TYPE: DNA

38 <213> ORGANISM: Artificial Sequence: (PCR Primer)

W--> 40 <220> FEATURE:

W--> 40 <223> OTHER INFORMATION: ←

40 <400> SEQUENCE: 3

41 gagagacatc gcctctgggc ta

44 <210> SEQ ID NO: 4

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46 <212> TYPE: DNA

47 <213> ORGANISM: Artificial Sequence: (PCR Primer)

W--> 49 <220> FEATURE:

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50 tgttatcaca ctggtgctaa

53 <210> SEQ ID NO: 5

54 <211> LENGTH: 18

55 <212> TYPE: DNA

56 <213> ORGANISM: Artificial Sequence: (PCR Primer)

W--> 58 <220> FEATURE:

W--> 58 <223> OTHER INFORMATION: ←

58 <400> SEQUENCE: 5

do not insert explanation
 for Artificial Sequence
 or for Unknown Sequence
 on <213> line.

21 insert
 C2207, then
 on following
 line,
 22 insert C2237
 and the
 explanation

22

20

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/866,283

DATE: 06/15/2001

TIME: 17:08:24

Input Set : A:\053560-5001.ST25.txt

Output Set: N:\CRF3\06152001\I866283.raw

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65 <213> ORGANISM: Artificial Sequence (PCR Primer)
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W--> 67 <223> OTHER INFORMATION:
67 <400> SEQUENCE: 6
68 tggacaggca aggaatac 18
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72 <211> LENGTH: 780
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 7
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81 tgctcaacac atccaatacc aacagacotg gaatttgaaa ctaagacaaa atatgttatc 180
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91 gatctgctct tacagattag aagtagtcct attagcccag aggcgatgtc tctcatgatg 480
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99 atgataataa ataaataaat aagcttttcgc tggaaaccaat taatattgca aaaggaattc 720
101 ttttattttt atttttttta aattatactt taagttctag ggtacatgtg cacaacgtgc 780

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VERIFICATION SUMMARY

DATE: 06/15/2001

PATENT APPLICATION: US/09/866,283

TIME: 17:08:25

Input Set : A:\053560-5001.ST25.txt

Output Set: N:\CRF3\06152001\I866283.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:22 M:258 W: Mandatory Feature missing, <220> FEATURE:
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